(54) **Method for providing medical images**

(57) A technique for integrating voxelly-assigned information regarding a portion of anatomy derived from a number of sources into an accurate, single two dimensional pixel-based representation of a view of that anatomy is disclosed. Empirical relationships between known properties are used to infer values for unknown properties.

EP 0 649 117 A3

EUROPEAN SEARCH REPORT

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	PROCEEDINGS OF THE SPIE, vol. 202, 14 January 1988 USA, pages 144-149, ENGELSTAD ET AL. 'information extraction from multi-modality medical imaging' * page 144, paragraph 1 - page 145, paragraph 2 *	1-6,8, 10-12, 14-17, 22-24	G06T11/00
A	6TH MEDITERRANEAN ELECTROTECHNICAL CONFERENCE, 22 May 1991 SLOVENIA, pages 1233-1237, BIDAUT 'accurate registration of various medical imaging madalities: an application te PET andMRI for anatomical localization and kinetic modelling' * paragraph 2.2; figure 1 *	1-24	
A	PROCEEDINGS OF THE 1993 NINETEENTH ANNUAL NORTHEAST BIOENGINEERING CONFERENCE, May 1993 USA, pages 221-222, CHAPNICK ET AL. 'techniques for multimodality image registration' * the whole document *	1-24	TECHNICAL FIELDS SEARCHED (Int.Cl.6) G06T
A	WO-A-91 00059 (INST NAT SANTE RECH MED) 10 January 1991 * claim 1 *	1-24	
A	EP-A-0 526 970 (PICKER INT INC ;UNIV UTAH (US)) 10 February 1993 * claim 1 *	1-24	
A	WO-A-91 00048 (KAPLAN H CHARLES) 10 January 1991 * page 9, line 9 - page 11, line 5 *	1-24	

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	24 November 1995	Perez Molina, E